FIG. 1

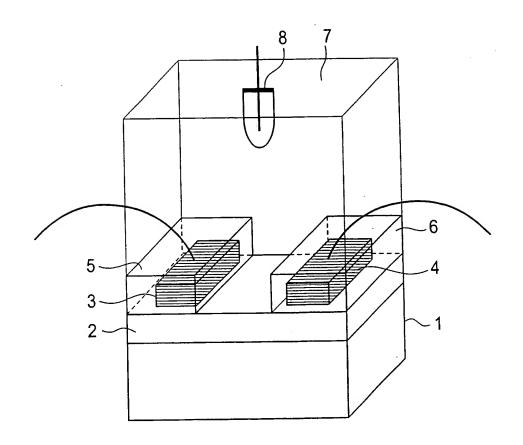


FIG. 2

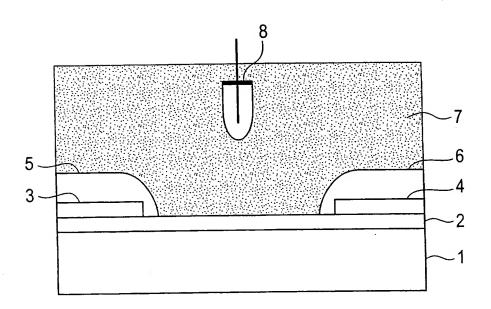


FIG. 3

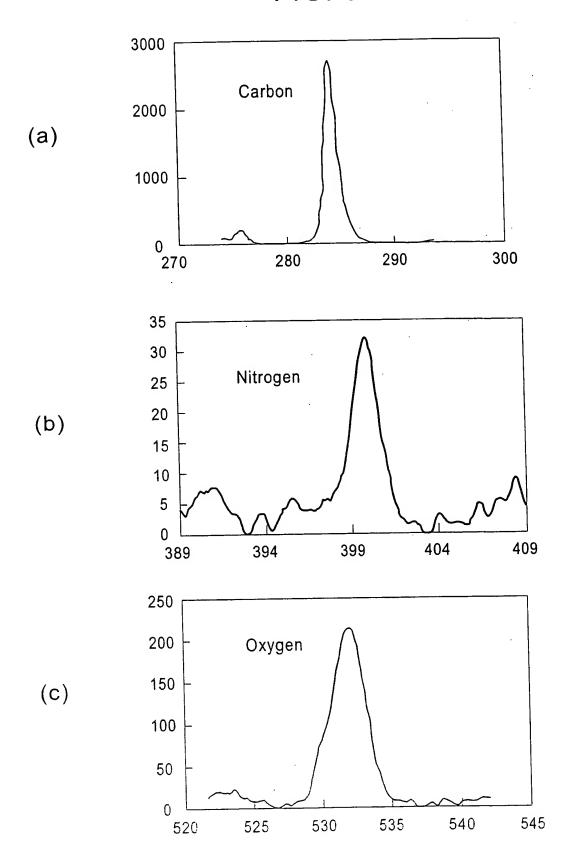
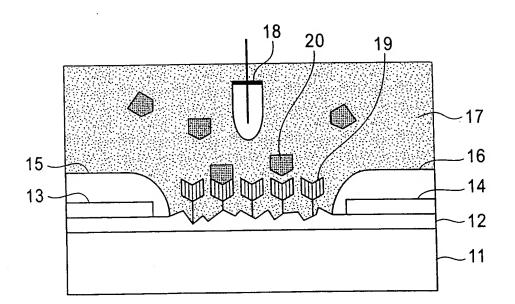


FIG. 4



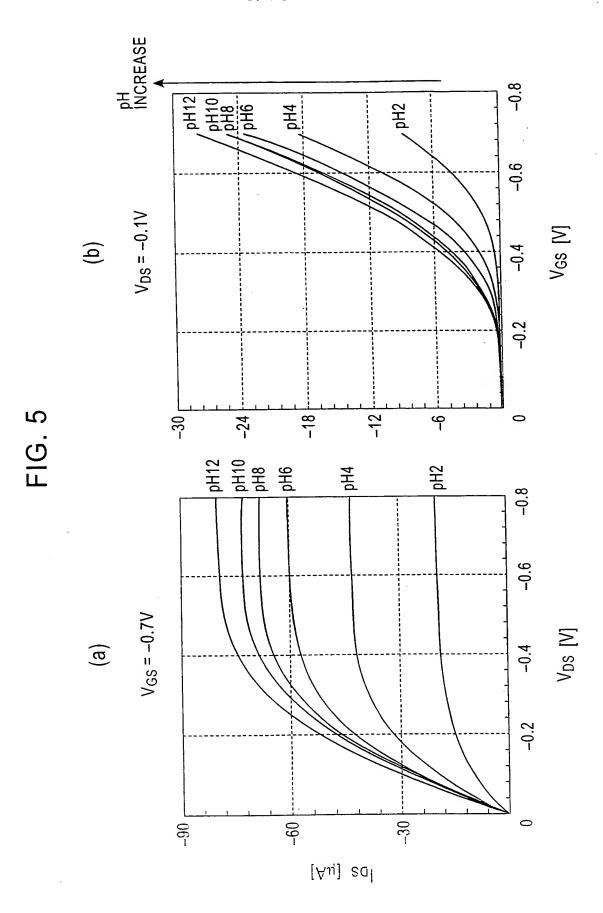


FIG. 6

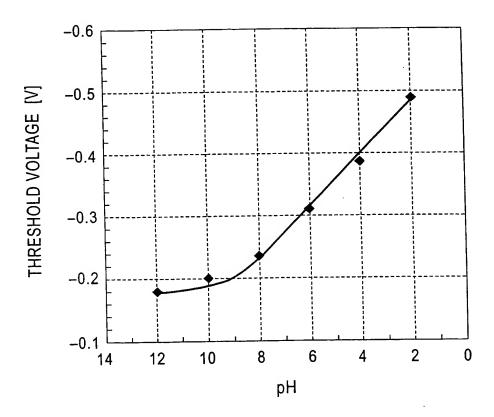
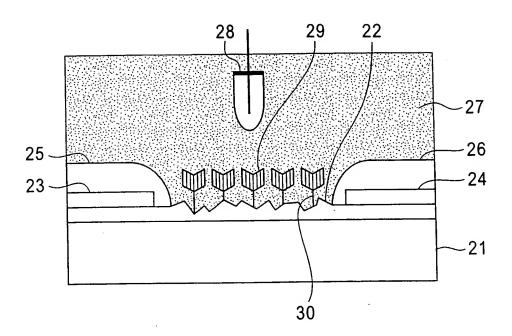
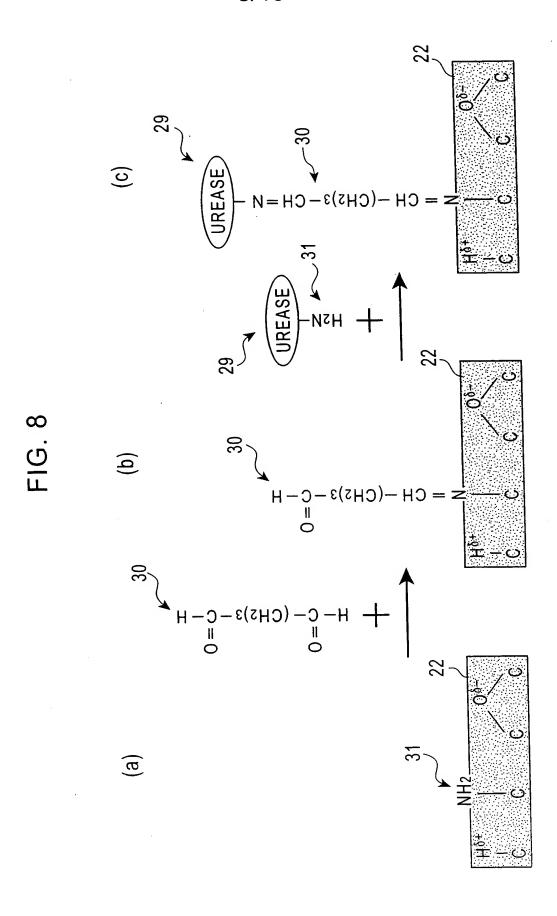
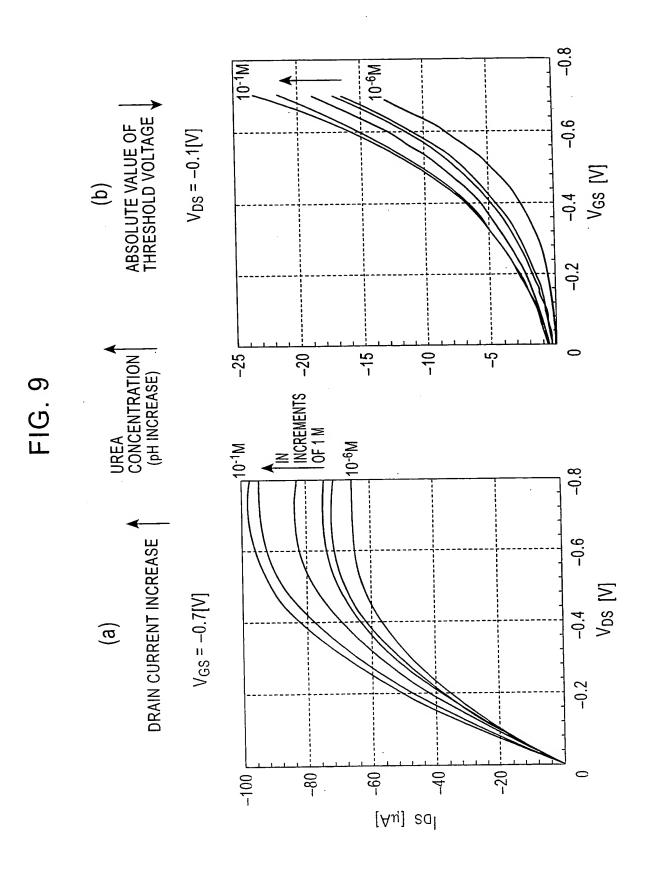


FIG. 7







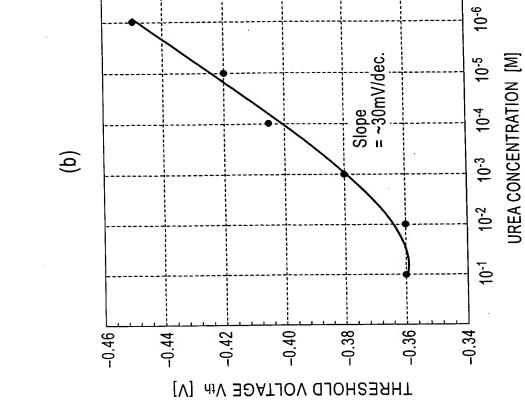


FIG. 10

(a)
$$H_{2N} - \overset{0}{C} - NH_{2} + 2H_{2O} + H^{+}$$

$$\int_{2NH_{3}} (UREASE)$$

$$2NH_{3} + CO_{2}$$

$$\int_{2NH_{4}^{+}} H_{2O} + H^{+}$$